

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,879,798 B2  
APPLICATION NO. : 10/634517  
DATED : April 12, 2005  
INVENTOR(S) : Masamichi Aoki

Page 1 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page, item (57) in the Abstract, penultimate line: " $A = \{(D1-D2)/D1\} \times 100\%$ " should read -- $A = \{(D2-D1)/D1\} \times 100\%$ --;

At column 1, line 57: " $A = \{(D1-D2)/D1\} \times 100\%$ " should read -- $A = \{(D2-D1)/D1\} \times 100\%$ --;

At column 8, line 36: "35 to 55%" should read --35 to 55--;

At column 9, line 37: "fulfil" should read --fulfill--;

At column 9, lines 38 and 39: "35 to 55%" should read --35 to 55--;

At column 9, lines 42 and 43: "35 to 55%" should read --35 to 55--;

At column 10, line 28: " $A = \{(D1-D2)/D1\} \times 100\%$ " should read -- $A = \{(D2-D1)/D1\} \times 100\%$ --;

At column 10, line 39, "the" should be replaced with --a--;

In the drawings: please replace drawing sheets 3/5, 4/5 and 5/5 with the attached replacement sheets 3/5, 4/5 and 5/5.

Signed and Sealed this

Nineteenth Day of February, 2008



JON W. DUDAS  
*Director of the United States Patent and Trademark Office*

U.S. Patent

Apr. 12, 2005

Sheet 3 of 5

6,879,798 B2

FIG.4

RESILIENCE z	COMPRESSIBILITY				
	55	50	45	40	35
50	×	×	×	×	×
40	×	×	×	×	×
35	×	×	×	×	×
30	×	×	×	×	×
25	×	×	×	×	×
20	×	×	×	×	×
15	×	×	×	×	×
10	×	×	×	×	×
5	×	×	×	×	×

FIG.5

RESILIENCE z	COMPRESSIBILITY				
	55	50	45	40	35
50	×	×	×	×	×
40	○	○	○	○	○
35	⊙	⊙	⊙	⊙	⊙
30	⊙	⊙	⊙	⊙	⊙
25	⊙	⊙	⊙	⊙	⊙
20	⊙	⊙	⊙	⊙	⊙
15	○	○	○	○	○
10	×	×	×	×	×
5	×	×	×	×	×

U.S. Patent

Apr. 12, 2005

Sheet 4 of 5

6,879,798 B2

FIG.6

RESILIENCE z	COMPRESSIBILITY				
	55	50	45	40	35
50	×	×	×	×	×
40	○	○	○	○	○
35	⊙	⊙	⊙	⊙	⊙
30	⊙	⊙	⊙	⊙	⊙
25	⊙	⊙	⊙	⊙	⊙
20	⊙	⊙	⊙	⊙	⊙
15	○	○	○	○	○
10	×	×	×	×	×
5	×	×	×	×	×

FIG.7

RESILIENCE z	COMPRESSIBILITY				
	55	50	45	40	35
50	×	×	×	×	×
40	○	○	○	○	○
35	⊙	⊙	⊙	⊙	⊙
30	⊙	⊙	⊙	⊙	⊙
25	⊙	⊙	⊙	⊙	⊙
20	⊙	⊙	⊙	⊙	⊙
15	○	○	○	○	○
10	×	×	×	×	×
5	×	×	×	×	×

**U.S. Patent****Apr. 12, 2005****Sheet 5 of 5****6,879,798 B2****FIG.8**

RESILIENCE z	COMPRESSIBILITY				
	55	50	45	40	35
50	×	×	×	×	×
40	×	×	×	×	×
35	×	×	×	×	×
30	×	×	×	×	×
25	×	×	×	×	×
20	×	×	×	×	×
15	×	×	×	×	×
10	×	×	×	×	×
5	×	×	×	×	×